

FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

	Page 1 of 9
ATTY. DOCKET NO. 1700.0630000/BJD/WBC	APPLICATION NO. 10/550,518
FIRST NAMED INVENTOR Bachmann, Martin F.	10/330,310
FILING DATE	ART UNIT
September 23, 2005	1 1615

/ dji/	AA1 AB1 AC1 AD1 AE1 AF1 AG1 AH1 AJ1	DOCUMENT NUMBER 4,722,840 4,918,166 4,959,314 5,143,726 5,334,394 5,565,548 5,698,424 5,780,448	DATE 02/02/1988 08/17/1990 09/25/1990 09/01/1992 08/02/1994 10/15/1996 12/16/1997	NAME Valenzuela et al. Kingsman et al. Mark et al. Thornton et al. Kossovsky et al. Neurath et al. Mastico et al.	CLASS	SUB-CLASS	FILING DATE 09/19/1985 10/26/1987 02/07/1985 11/20/1989 01/04/1993
/QJ//	AB1 AC1 AD1 AE1 AF1 AG1 AH1 AI1	4,918,166 4,959,314 5,143,726 5,334,394 5,565,548 5,698,424	08/17/1990 09/25/1990 09/01/1992 08/02/1994 10/15/1996 12/16/1997	Kingsman et al. Mark et al. Thornton et al. Kossovsky et al. Neurath et al.			10/26/1987 02/07/1985 11/20/1989
	AC1 AD1 AE1 AF1 AG1 AH1 AI1	4,959,314 5,143,726 5,334,394 5,565,548 5,698,424	09/25/1990 09/01/1992 08/02/1994 10/15/1996 12/16/1997	Mark et al. Thornton et al. Kossovsky et al. Neurath et al.			02/07/1985
	AD1 AE1 AF1 AG1 AH1 AI1	5,143,726 5,334,394 5,565,548 5,698,424	09/01/1992 08/02/1994 10/15/1996 12/16/1997	Thornton et al. Kossovsky et al. Neurath et al.			11/20/1989
	AE1 AF1 AG1 AH1	5,334,394 5,565,548 5,698,424	08/02/1994 10/15/1996 12/16/1997	Kossovsky et al. Neurath et al.			
	AF1 AG1 AH1 AI1	5,565,548 5,698,424	10/15/1996	Neurath et al.			01/04/1993
	AG1 AH1 Al1	5,698,424	12/16/1997			/	<u> </u>
,	AH1 Al1	<u> </u>		Mastico et al.			03/15/1993
/	Al1	5,780,448	0711 111000				06/26/1992
			07/14/1998	Davis	1		11/04/1996
,	AJ1	5,844,075	12/01/1998	Kawakami et al.	1		04/05/1995
		5,871,747	02/16/1999	Gengoux-Sedlik et al.			09/13/1993
V	AK1	5,874,560	02/23/1999	Kawakami et al.	1/		04/22/1994
			FOREIGN	PATENT DOCUMENTS			<u> </u>
XAMINER NITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATIO
/qjl/	AL1	EP 0 038 154 B1	10/21/1981	Europe		/	Y
1	AM1	EP 0 201 416 A1	11/12/1986	Europe			Y
	AN1	EP 0 385 610 B1	09/05/1990	Europe			Y
, , ,	AO1	EP 0 421 635 A1	04/10/1990	Europe			Y
<u>V</u> ,	AP1	WO 92/13081 A1	08/06/1992	WIPO	/		Ý
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	ATTY. DOCKET NO. 1700.0630000/BJD/WBC	APPLICATION NO. 10/550,518
FORM PTO-1449	FIRST NAMED INVENTOR Bachmann, Martin F.	
INFORMATION DISCLOSURE STATEMENT	FILING DATE September 23, 2005	ART UNIT 1615

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INITIAL	AA2	NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
/qjl/	5,935,821		08/10/1999	Chatterjee et al.			11/21/1996
	AB2	5,939.598	08/17/1999	Kucherlapati et al.			07/30/1992
	AC2	5,994,523	11/30/1999	Kawakami et al.		/	01/16/1998
	AD2	6,025,470	02/15/2000	Valmori et al.			06/23/1997
	AE2	6,231,864 B1	05/15/2001	Birkett		/	02/11/1999
	AF2	6,270,778 B1	08/07/2001	Kawakami et al.			03/12/1999
	AG2	6,277,956 B1	08/21/2001	Valmori et al.			04/16/1998
	AH2	6,326,200 B1	12/04/2001	Valmori et al.			06/18/1998
	Al2	6,368,857 B1	04/09/2002	Valmori et al.			10/05/1999
	AJ2	6,380,364 B1	04/30/2002	Mueller et al.			10/06/1999
V	AK2	6,384,190 B1	05/07/2002	Valmori et al.	1		12/14/1999
			FOREIGN	PATENT DOCUMENT	rs	<u> </u>	
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
/qjl/	AL2 EP 0 578 293 A1		01/12/1994	Europe		/	Yes No
	AM2	WO 94/15585	07/21/1994	WIPO		1	Yes No
,	AN2	EP 0 677 111 B1	10/18/1995	Europe			Yes No
	AO2	WO 95/29193 A2	11/02/1995	WIPO			Yes No
V	AP2	WO 96/30523 A2	10/03/1996	WIPO			Yes No
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	ATTY. DOCKET NO. 1700.0630000/BJD/WBC	APPLICATION NO. 10/550,518
FORM PTO-1449	FIRST NAMED INVENTOR	
INFORMATION DISCLOSURE STATEMENT	Bachmann, Martin F.	
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	AA3		DATE	NAME	CLASS	SUB-CLASS	FILING DATE
/qjl/	100	6,537,560 B1	03/25/2003	Kawakami et al.			05/05/1998
	AB3	2002/0064533 A1	05/30/2002	Митау			06/04/2001
	AC3	2002/0081295 A1	06/27/2002	Schiller et al.			04/13/2001
	AD3	2003/0050268 A1	03/13/2003	Krieg et al.			03/29/2002
	AE3	2003/0082804 A1	05/01/2003	Valmori et al.		 	02/21/2001
V	AF3	2003/0144482 A1	07/31/2003	Kawakami et al.	1		07/03/2001
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/qjl/	AL3	WO 98/40100 A1	09/17/1998	WIPO		/	Yes No
	АМЗ	WO 98/50071 A1	11/12/1998	WIPO			Yes No
	AN3	WO 98/49195 A1	11/05/1998	WIPO		1	Yes No
	AO3	WO 98/58751 A1	12/30/1998	WIPO			Yes No
V	AP3	WO 99/28478 A1	06/10/1999	WIPO			Yes No
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50514.070.4.44	ATTY. DOCKET NO. 1700.0630000/BJD/WBC	APPLICATION NO. 10/550,518
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/qjl/	AL4	WO 99/40934 A	08/19/1999	WIPO			Yes No
	AM4	WO 99/57289 A	11/11/1999	WIPO	·		Yes No
	AN4	WO 00/23955 A	04/27/2000	WIPO			Yes No
	AO4	WO 00/32227 A2	2 06/08/2000	WIPO			Yes No
V	AP4	WO 00/37610 A	2 06/29/2000	WIPO			Yes No
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FORM PTO-1449	ATTY. DOCKET NO. 1700.0630000/BJDAWBC	APPLICATION NO. 10/550,518
INFORMATION DISCLOSURE STATEMENT	FIRST NAMED INVENTOR Bachmann, Martin F.	
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/qjl/	AL5	WO 00/39304 A2	07/06/2000	WIPO		/	Yes No
	AM5	WO 00/50461 A1	08/31/2000	WIPO			Yes No
	AN5	WO 00/62800 A2	10/26/2000	WIPO			Yes No
	AO5	WO 01/16320 A1	03/08/2001	WIPO			Yes No
V	AP5	WO 01/22972 A2	04/05/2001	WIPO			Yes No
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500,000	ATTY. DOCKET NO. 1700.0630000/BJD/WBC	APPLICATION NO. 10/550,518
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INFORMATION DISCLOSURE STATEMENT	FILING DATE September 23, 2005	ART UNIT 1615

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/qjl/	AL6	WO 01/229	990 A2	04/05/2001	WIPO				Yes No
	AM6	WO 01/566	503 A1	08/09/2001	WIPO				Yes No
	AN6	WO 01/584	178 A1	08/16/2001	WIPO				Yes No
	AO6	WO 01/771	158 A1	10/18/2001	WIPO				Yes No
V	AP6	WO 01/852		11/15/2001	WiPO				Yes No
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	ATTY. DOCKET NO. 1700.0630000/BJD/WBC	APPLICATION NO. 10/550,518	
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/q	1/	AL7	WO 01/98333 A		WIPO		/	Yes No
		AM7	WO 02/14478 A	2 02/21/2002	WIPO			Yes No
		AN7	WO 02/053141	A2 07/11/2002	WIPO			Yes No
	_	A07	WO 02/056905	A2 07/25/2002	WIPO			Yes No
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	ATTY. DOCKET NO. 1700.0630000/BJD/WBC	APPLICATION NO. 10/550,518
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•	AL8	+	3/024480 A2	03/27/2003	WIPO			No.
	AM8	WO 0	3/024481 A2	03/27/2003	WIPO	·		Yes No
	AN8	WO 0	3/031466 A2	04/17/2003	WIPO			Yes No
	AO8	WO 0	3/039225 A2	05/15/2003	WIPO			Yes No
V	AP8	WO 0	3/040164 A2	05/15/2003	WIPO			Yes No
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/qjl/	AL9	 		07/24/2003				No Yes
·	AM9	+	4/000351 A1	12/31/2003	WIPO			No
	AN9		4/007538 A2	01/22/2004	WIPO			Yes No
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Approved for use through 07/31/2008, OMB 0651-0031
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Substitute for form 1449/PTO				Complete if Known		
				Application Number	10/550,518	
INFORM	1ATION	DISC	CLOSURE	Filing Date	September 23, 2005	
STATEMENT BY APPLICANT				First Named Inventor	Martin F. BACHMANN	
1	(Use as many	, sheets a.	s necessary)	Art Unit	1615	
				Examiner Name	To Be Assigned	
Sheet	1	of	11	Attorney Docket Number	1700.0630000/BJD/WBC	

TRADE

		NON PATENT LITERATURE DOCUMENTS
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume number, publisher, city and/or country where published
/qjl/	NPLI	Adams, S.E., et al., "The expression of hybrid HIV: Ty virus-like particles in yeast," Nature 329:68-70, Nature Publishing Group (1987)
	NPL2	Addo, M.M., et al., "Comprehensive Epitope Analysis of Human Immunodeficiency Virus Type 1 (HIV-1)-Specific T-Cell Responses Directed against the Entire Expressed HIV-1 Genome Demonstrate Broadly Directed Responses, but no Correlation to Viral Load," J. Virol. 77:2081-2092, American Society for Microbiology (2003)
	NPL3	Allen, T.M., et al., "Induction of AIDS Virus-Specific CTL Activity in Fresh, Unstimulated Peripheral Blood Lymphocytes from Rhesus Macaques Vaccinated with a DNA Prime/Modified Vaccinia Virus Ankara Boost Regimen," J. Immunol. 164:4968- 4978, The American Association of Immunologists (2000)
	NPL4	Altschul, S.F., et al., "Basic Local Alignment Search Tool," J. Mol. Biol. 215:403-410, Academic Press Limited (1990)
	NPL5	Altschul, S.F., et al., "Issues in searching molecular sequence databases," Nature Genet. 6:119-129, Nature Publishing Group (1994)
	NPL6	Bachmann, M.F., and Zinkernagel, R.M., "Neutralizing Antiviral B Cell Responses," Ann. Rev. Immunol. 15:235-270, Annual Reviews Inc. (1997)
	NPL7	Bachmann, M.F., and Zinkernagel, R., "The influence of virus structure on antibody responses and virus serotype formation," <i>Immunol. Today 17</i> :553-558, Elsevier Science Ltd. (1996)
	NPL8	Bachmann, M.F., et al., "Induction of protective cytotoxic T cells with viral proteins," Eur. J. Immunol. 24:2228-2236, VCH Verlagsgesellschaft mbH (1994)
	NPL9	Bachmann, M.F., et al., "Distinct Roles for LFA-1 and CD28 during Activation of Naive T Cells: Adhesion versus Costimulation," Immunity 7:549-557, Cell Press (1997)
$\overline{\mathbf{V}}$	NPL10	Bachmann, M.F., et al., "Four types of Ca ²⁺ -signals in naïve CD ⁸⁺ cytotoxic cells after stimulation with T cell agonists, partial agonists and antagonists," Eur. J. Immunol. 27:3414-3419, WILEY-VCH Verlag GmbH (1997)
Examiner Signature	/(Q. Janice Li/ (09/04/2007) Date Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered, include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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		Non Patent Literature Documents	
Examiner Initials*	ner Cite Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), ti		T ²
/qjl/	NPL11	Bachmann, M.F., et al., "Functional Maturation of an Anti-viral Cytotoxic T-cell Response," J. Virol. 71:5764-5768, American Society for Microbiology (1997)	
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1				Application Number	10/550,518	
INFORM	MATION	I DISC	CLOSURE	Filing Date	September 23, 2005	
STATE	MENT B	Y AP	PLICANT	First Named Inventor	Martin F. BACHMANN	
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				Examiner Name	To Be Assigned	
Sheet	3	of	11	Attorney Docket Number	1700.0630000/BJD/WBC	

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials* Cite No.1 /qjl/ NPL21		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume number, publisher, city and/or country where published	T²
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Substitute for	r form 1449/P7	ro	•	Com	Complete if Known		
1				Application Number	10/550,518		
INFORM	MATION	DISC	CLOSURE	Filing Date	September 23, 2005		
STATE	MENT B	Y AP	PLICANT	First Named Inventor	Martin F. BACHMANN		
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				Examiner Name	To Be Assigned		
Sheet	4	of	11	Attorney Docket Number	1700.0630000/BJD/WBC		

		NON PATENT LITERATURE DOCUMENTS	
Exami Initials		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume number, publisher, city and/or country where published	T²
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				Application Number	10/550,518		
INFORM	MATION	DISC	CLOSURE	Filing Date	September 23, 2005		
STATE	MENT B	Y AP	PLICANT	First Named Inventor	Martin F. BACHMANN		
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				Examiner Name	To Be Assigned		
Sheet	5	of	11	Attorney Docket Number	1700.0630000/BJD/WBC		

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials* Cite No.1 /qji/ NPL41		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume number, publisher, city and/or country where published	T²
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				Application Number	10/550,518
INFORM	MATION	DISC	CLOSURE	Filing Date	September 23, 2005
STATE	STATEMENT BY APPLICANT			First Named Inventor	Martin F. BACHMANN
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				Examiner Name	To Be Assigned
Sheet	6	of	11	Attorney Docket Number	1700.0630000/BJD/WBC

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INFORM	MATION I	DISCLOSURE	Filing Date	September 23, 2005	
STATE	MENT BY	APPLICANT	First Named Inventor	Martin F. BACHMANN	
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Sheet	7	of 11	Attorney Docket Number	1700.0630000/BJD/WBC	

		Non Patent Literature Documents			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume number, publisher, city and/or country where published	T ²		
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Substitute for	r form 1449/P7	10		Com	plete if Known
INFORMATION DISCLOSURE				Application Number	10/550,518
				Filing Date	September 23, 2005
STATE	STATEMENT BY APPLICANT			First Named Inventor	Martin F. BACHMANN
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				Examiner Name	To Be Assigned
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		NON PATENT LITERATURE DOCUMENTS	
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	r form 1449/P1			Complete if Known		
				Application Number	10/550,518	
INFORMATION DISCLOSURE				Filing Date	September 23, 2005	
STATE	STATEMENT BY APPLICANT			First Named Inventor	Martin F. BACHMANN	
	(Use as many			Art Unit	1615	
				Examiner Name	To Be Assigned	
Sheet	9	of	11	Attorney Docket Number	1700.0630000/BJD/WBC	

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Sheet	10	of	11	Attorney Docket Number	1700.0630000/BJD/WBC	

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